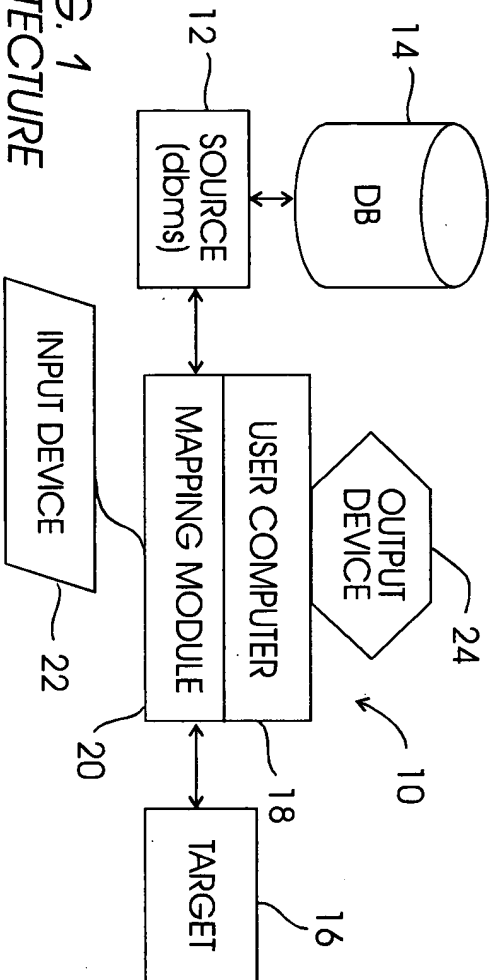


FIG. 1
ARCHITECTURE



INPUT VALUE
CORRESPONDENCES

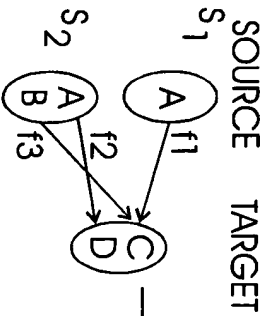
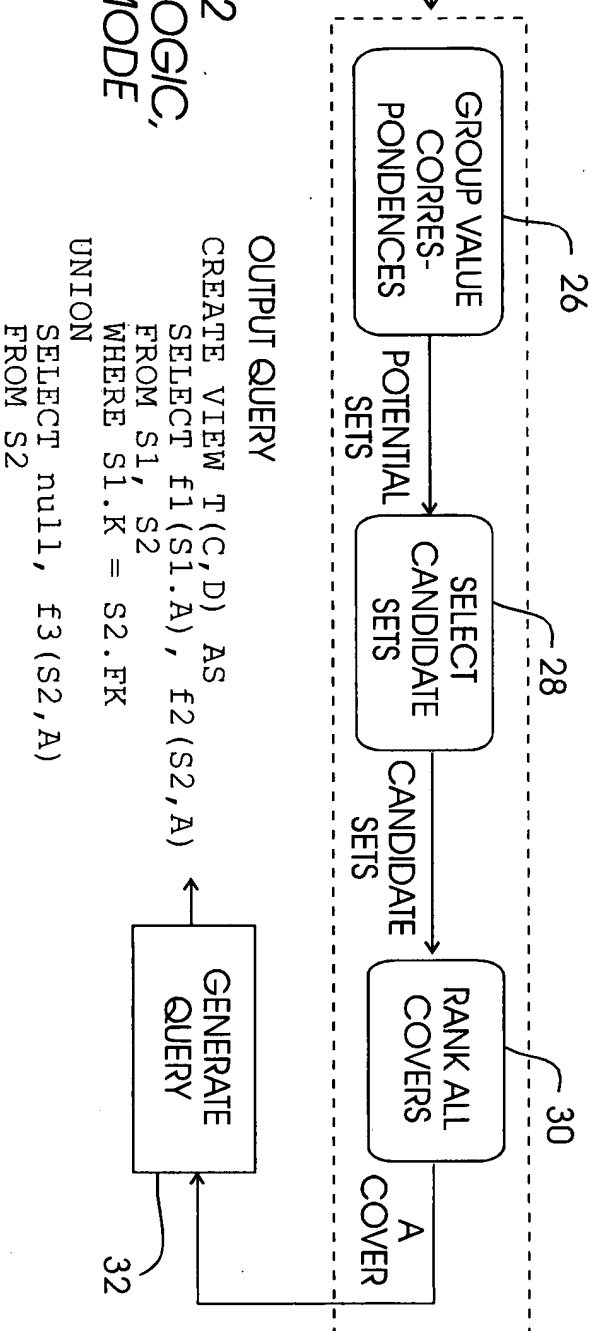
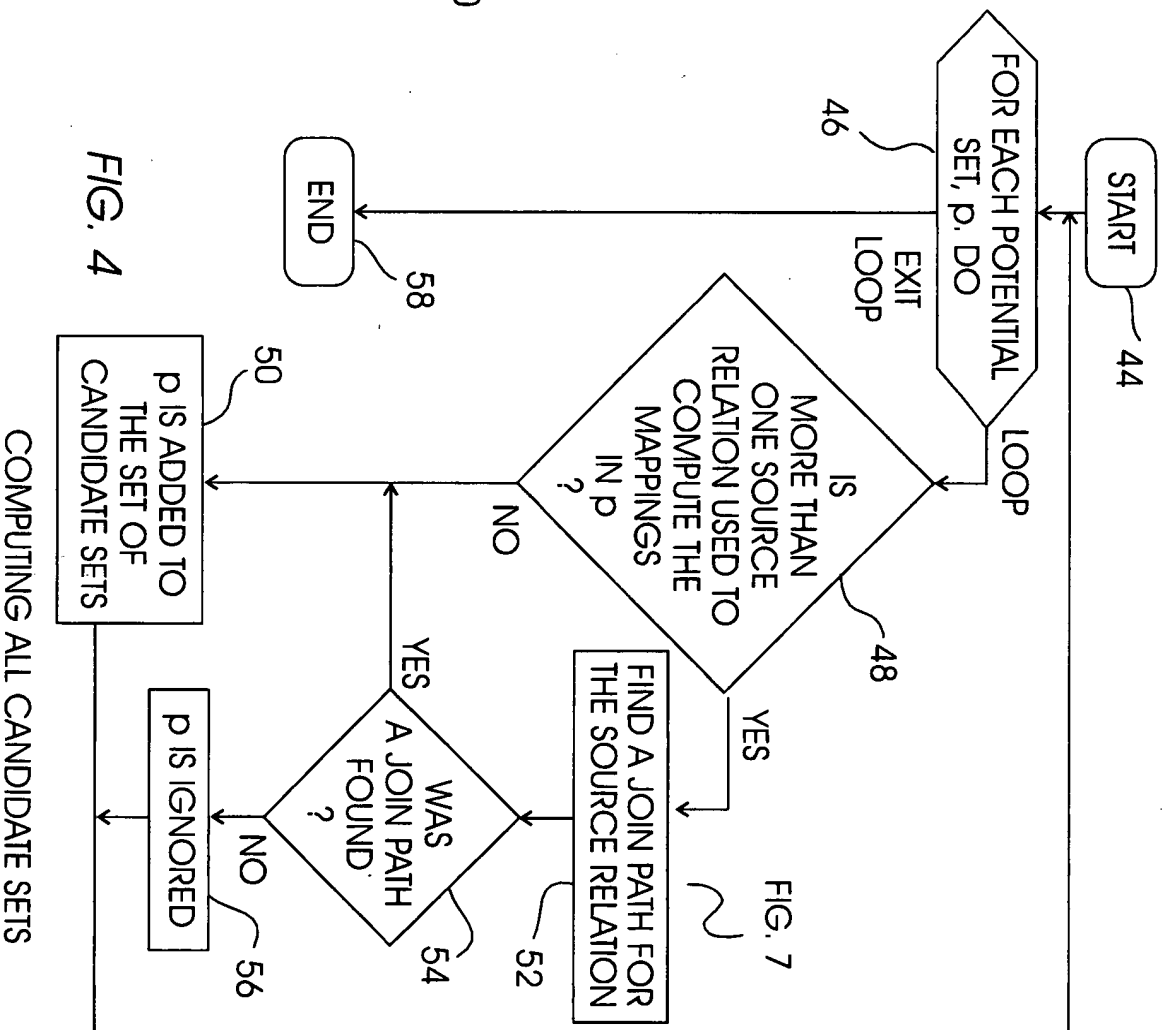
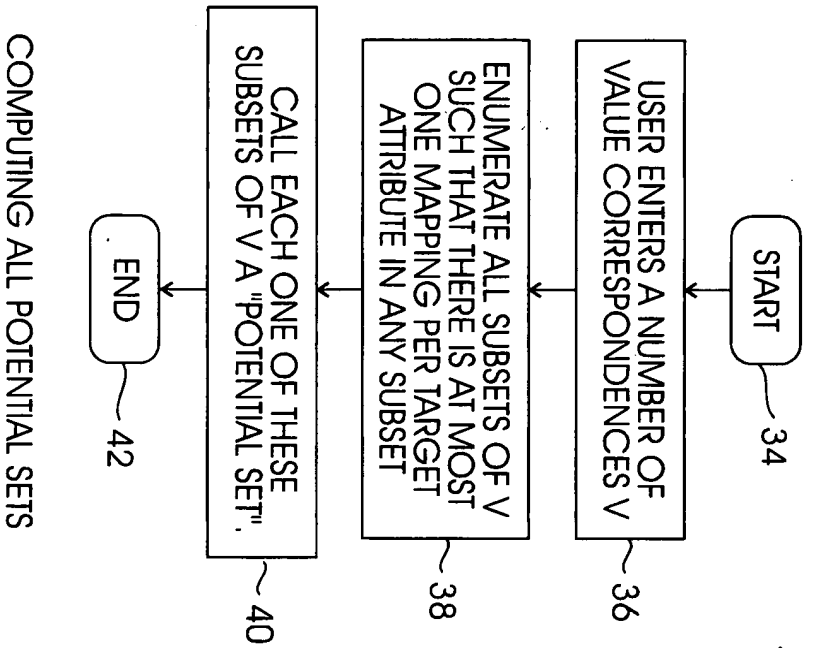
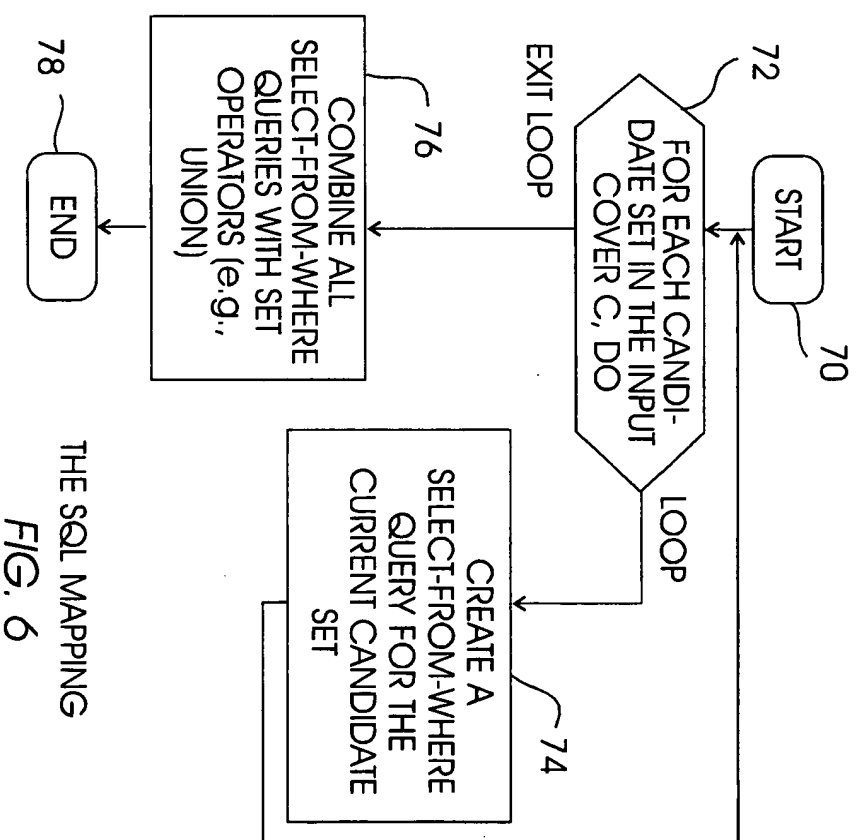
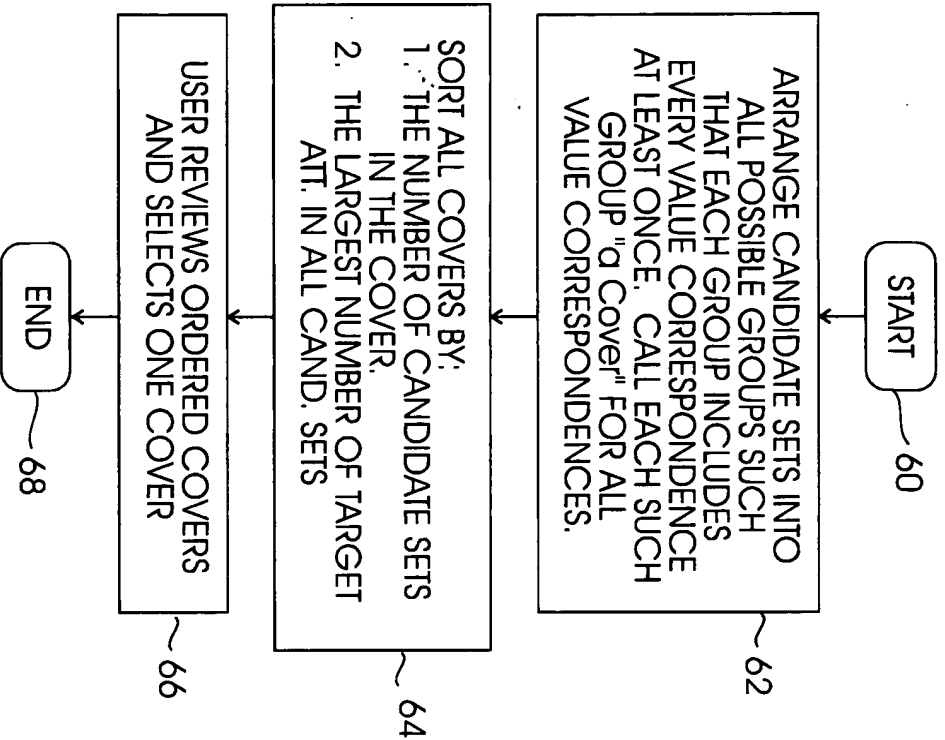
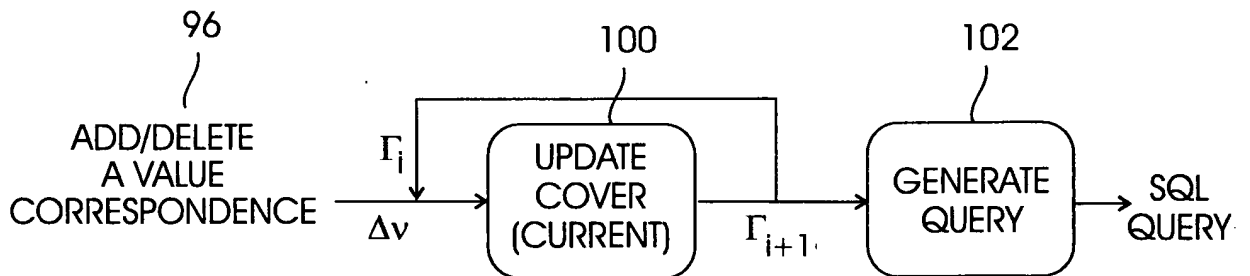
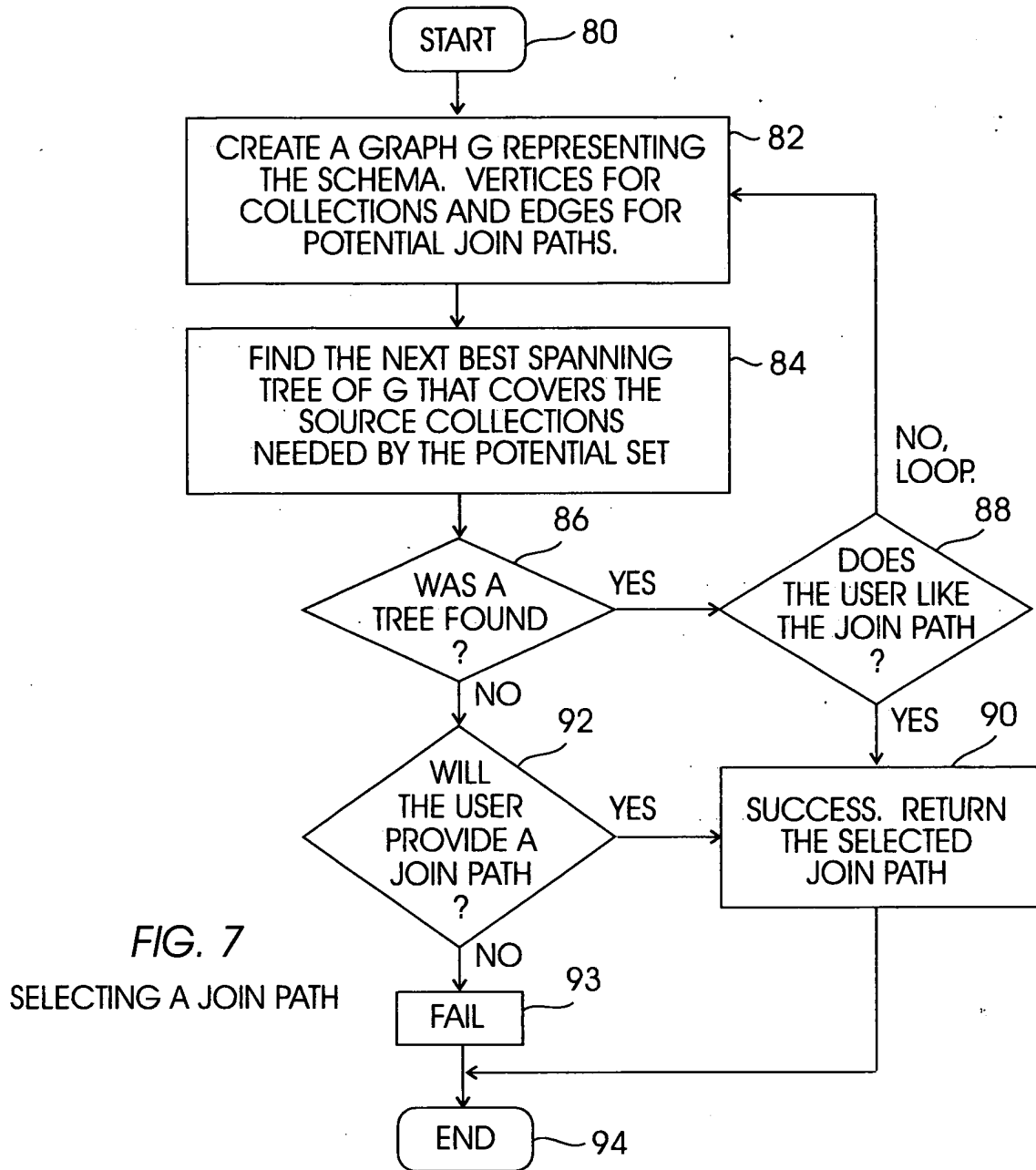


FIG. 2
OVERALL LOGIC,
BATCH MODE









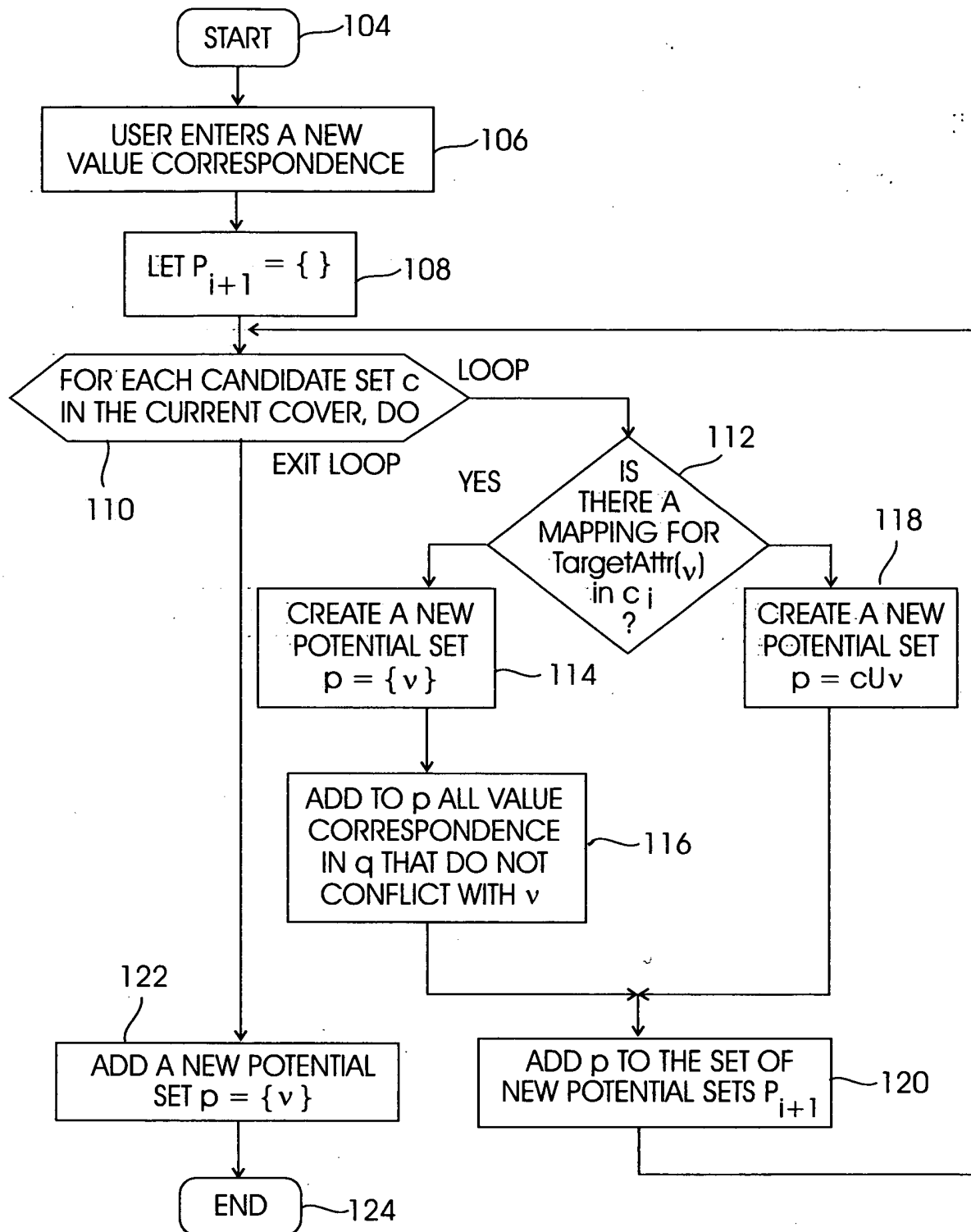


FIG. 9

COMPUTE THE NEW POTENTIAL SETS

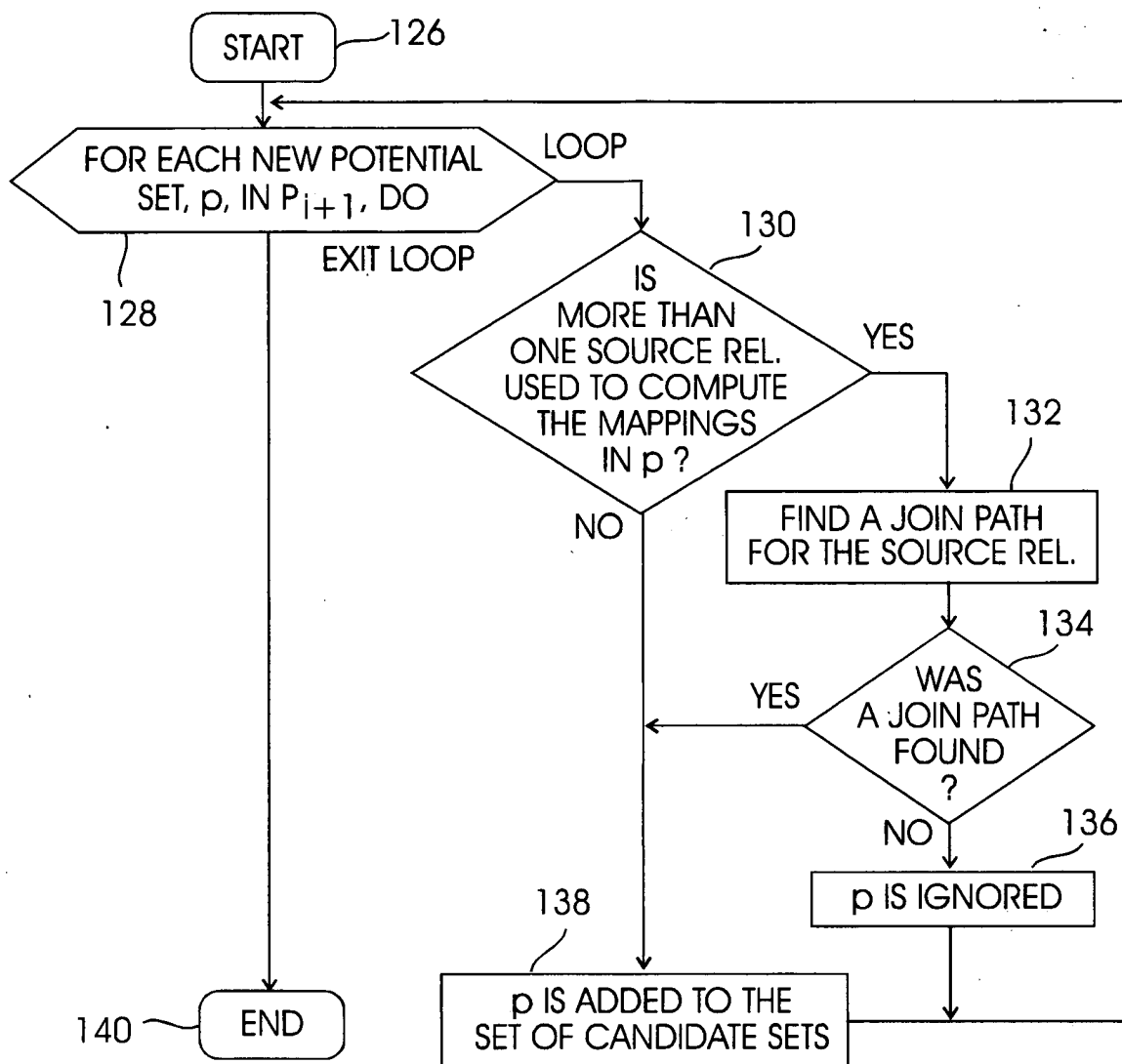


FIG. 10

COMPUTE THE NEW CANDIDATE SETS

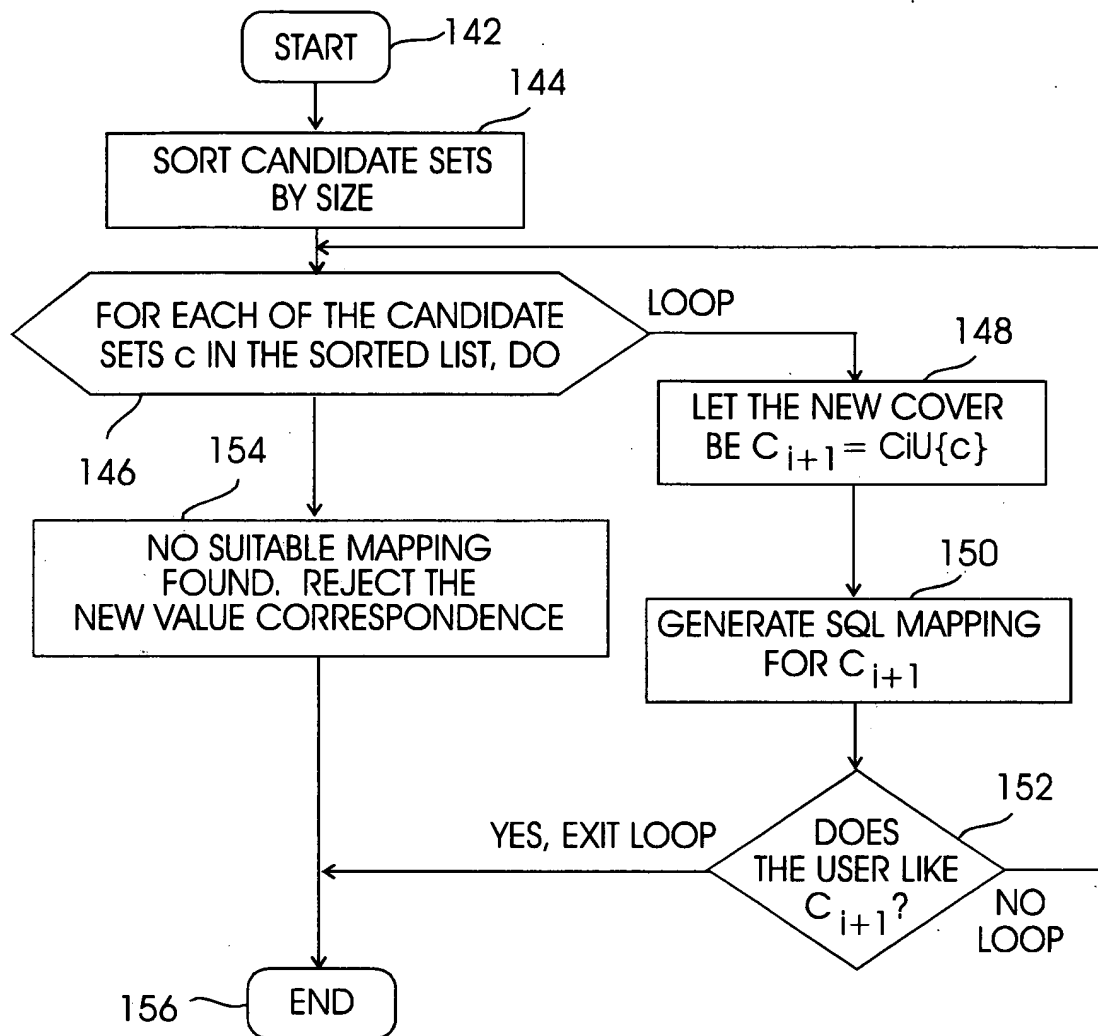


FIG. 11
SELECT A NEW COVER AND SQL MAPPING

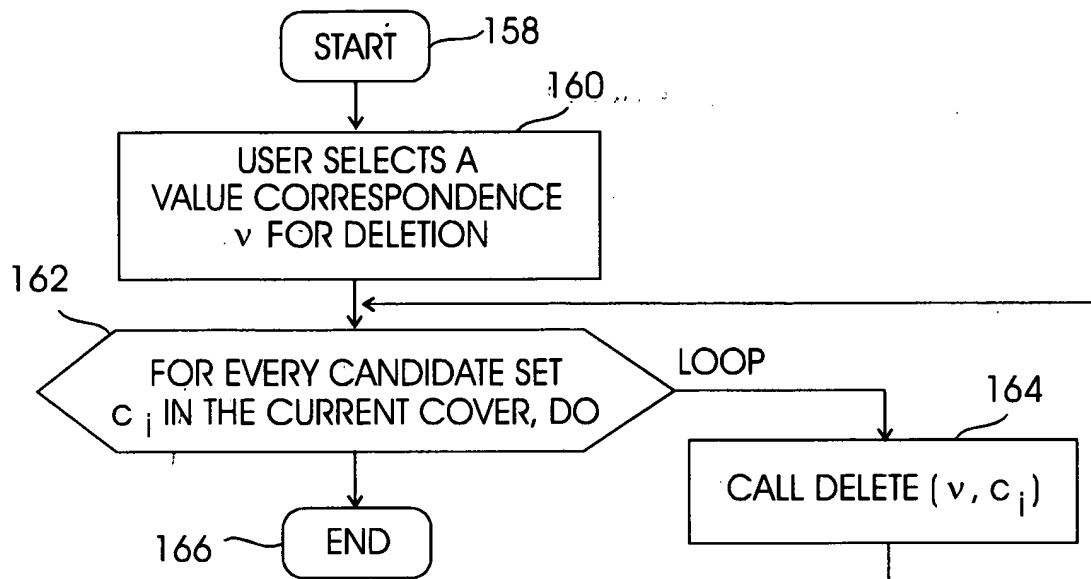


FIG. 12

DELETING A VALUE CORRESPONDENCE

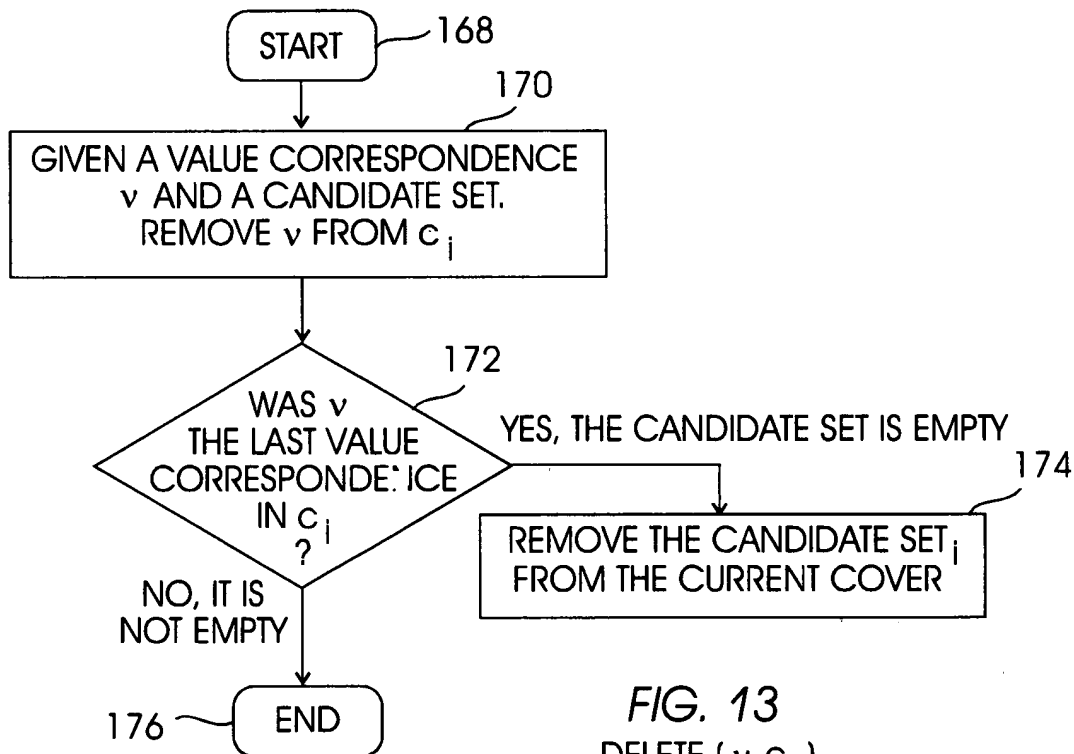


FIG. 13

DELETE (v, c_i)